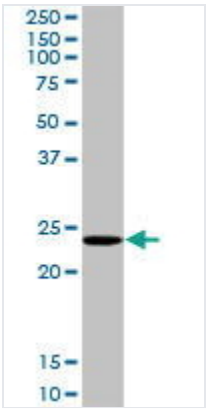
COMMD1 Antibody – Rabbit Polyclonal

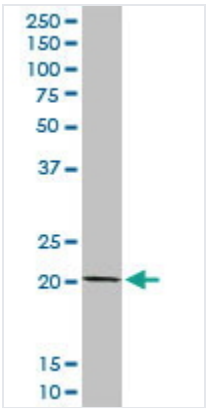
PRODUCT OVERVIEW

Product Name	COMMD1, Polyclonal Antibody
Full Product Name	COMMD1 (Copper Metabolism Domain Containing 1, COMD1, C2orf5, MGC27155, MURR1, MGC27155) (HRP)
Product Gene Name	anti-COMMD1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human COMMD1. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates.
Immunogen	Full length human COMMD1, aa1-190 (AAH22046.1).
Immunogen Sequence	MAAGELEGGKPLSGLLNALAQDTFHGYPGITEELLRSQLYPEVPPEEFRPFLAKMRGILKSIASADMDFNQLEAFLTAQTKKQGGITSDQAAVISKFWKSH
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-COMMD1 antibody	Antibodies; COMM
Applications Tested/Suitable for anti-COMMD1 antibody	Western Blot (WB)
Application Notes for anti-COMMD1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-COMMD1 antibody	COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B (see MIM 164011) signaling (de Bie et al., 2005 [PubMed 16267171])
Other Notes	Small volumes of anti-COMMD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec require to ship with dry ice and additional dry ice fee may apply.

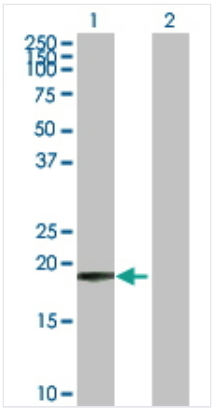
Searchable Terms for COMMD1 purchase	MBS6374394 is an antibody targeting COMMD1. Also known as COMMD1 (Copper Metabolism Domain Containing 1, COMD1, C2orf5, MGC27155, M



Western Blot (WB) of anti-COMMD1 antibody
COMMD1 rabbit polyclonal antibody. Western Blot analysis of COMMD1 expression in mouse liver.



Western Blot (WB) of anti-COMMD1 antibody
COMMD1 rabbit polyclonal antibody. Western Blot analysis of COMMD1 expression in HepG2.



Western Blot (WB) of anti-COMMD1 antibody
Western Blot analysis of COMMD1 expression in transfected 293T cell line by COMMD1 polyclonal antibody. Lane 1: COMMD1 transfected lysate (21.2kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COMMD1. It may not necessarily be applicable to this product.

NCBI GI #	21328770
NCBI GeneID	150684
NCBI Accession #	AAH22046.1
UniProt Related Accession #	Q8N668
GenBank Nucleotide #	NM_152516.2
NCBI Official Full Name	Copper metabolism (Murr1) domain containing 1
NCBI Official Synonym Full Names	copper metabolism domain containing 1
NCBI Official Symbol	COMMD1
NCBI Official Synonym Symbols	MURR1; C2orf5
Protein Family	COMM domain-containing protein

NCBI Protein Information	COMM domain-containing protein 1
Research Articles on COMMD1	**1.** The screen identified copper metabolism MURR1 domaincontaining 1 (COMMD1) as a novel lamin A binding partner. Colocalization experiments using fluorescent confocal microscopy revealed that COMMD1 colocalized with lamin A in 293 cells.
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